

NPIC/TSG/RED/SDB-025-71  
7 July 1971

MEMORANDUM FOR: Acting Chief, Research & Engineering  
Division, Technical Services Group, NPIC

SUBJECT : Installation of the High Precision Stereo  
Comparator (HPSC) in [ ]

25X1

1. [ ] telephoned the technical monitor on 6 July 1971. His installation crew had reported that the Clean Room was operating outside of specifications for temperature and relative humidity. The HPSC equipment cannot be calibrated and checked out while the humidity problem exists. [ ] asked if we could give an estimate of when the temperature and humidity would be corrected since this was seriously hampering his schedule.

25X1

2. The technical monitor informed [ ] that he could not give a date by which the Clean Room would be operating within specifications. [ ] was informed that [ ] Consultant) was meeting with [ ] of Support Staff on the afternoon of 6 July 1971 and we hoped to get the required information at this time.

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3. The technical monitor and [ ] took various temperature and relative humidity readings at 1400 on 6 July 1971. These readings are as follows:

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a. AHU-E (Cabinet System)

Should be:  $70^{\circ}\text{F} \pm 1^{\circ}\text{F}$   
55% R.H. or less

Reading was:  $73^{\circ}\text{F}$  with cabinet doors open  
73% R.H.

$72^{\circ}\text{F}$  with cabinet doors  
78% closed

b. AHU-R (Room System)

Should be:  $70^{\circ}\text{F} \pm \frac{1}{2}^{\circ}\text{F}$  at the machine  
55%  $\pm$  5% R.H.

Reading was:  $74^{\circ}\text{F}$   
57% R.H.

Temperature across the machine (side to side, top to bottom, front to rear) should be within  $1^{\circ}\text{F}$ .

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The side to side temperature varies by 5°F. The top to bottom temperature varies by 3°F.

Air nozzles at rear of machine should be at same temperature as room air. The actual temperature was 76°F.

4. The time is drawing near for [REDACTED] to leave [REDACTED] to form his own company. I think that [REDACTED] is only committed to [REDACTED] through 23 July 1971. Every day we lose in the installation schedule gets us closer to being in serious trouble.

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25X1

[REDACTED]

Chief, Systems Development Branch,  
Research & Engineering Division, TSG

25X1

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